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Stephen Gwyn Ballard

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U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	DATE
6	3,119,685	1 1964	Hansley et al.	75	65	
	4,268,325	5 1981	O'Handley et al.	148	108	
	4,356,861	11 1982	Winter	164	462	
	4,503,013	3 1985	Lowther	422	127	
	4,610,718	9 1986	Araya et al.	75	0.5C	
	4,796,687	1 1989	Lewis et al.	164	455	
	5,062,936	11 1991	Beaty et al.	204	164	
	5,091,253	2 1992	Smith et al.	428	363	
	5,194,128	3 1993	Beaty et al.	204	164	
	5,252,144	10 1993	Martis	148	121	
	5,294,242	3 1994	Zurecki et al.	75	345	
	5,340,377	8 1994	Accary et al.	75	334	
	5,460,701	10 1995	Parker et al.	204	164	
	5,486,675	1 1996	Taylor et al.	217	121.59	
	5,514,349	5 1996	Parker et al.	422	186 21	
	5,628,881	5 1997	Lemelson	204	164	
	5,635,665	6 1997	Kishi et al.	102	288	
	5,665,277	9 1997	Johnson et al.	264	6	
	5,707,419	1 1998	Tsantrizos et al.	75	336	
	5,788,738	8 1998	Pirzada et al.	75	331	
	5,851,507	12 1998	Pirzada et al.	423	659	
	5,874,684	2 1999	Parker et al.	75	228	
	5,876,683	3 1999	Glumac et al.	423	325	
	5,879,518	3 1999	Kuehnle	204	164	
	5,885,321	3 1999	Higa et al.	75	362	
	5,935,461	8 1999	Witherspoon et al.	219	121.59	
	5,936,195	8 1999	Wheatley	149	19.91	
	5,993,967	11 1999	Brotzman, Jr. et al.	428	407	
	6,001,426	12 1999	Witherspoon et al.	427	449	
	6,033,781	3 2000	Brotzman, Jr. et al.	428	405	
	6,118,218	9 2000	Yializis et al.	315	111.21	
V	6,126,764	10 2000	Immerman	149	87	

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OCT 1 2002

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b	Re. 35,042	9 1995	Anderson, III, et al.	340	572	
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	TRANSLATION	YES
b	1,204,261	9 1970	Great Britain	B22 F3 08, 7 04		
	EP 0347386	12 1989	EPO	B22 F9 14		
	EP 0718061 A1	6 1996	EPO	B22 F9 14		
	EP1031639 A1	3 2000	EPO	C23 C14 34		
	WO 92 17303	10 1992	PCT	B22 F9 14		N
	WO 00 10756	3 2000	PCT	B22 F9 14		
	SU 1813812 A1	5 1993	USSR	5C23 D15 00	X	
	RU 2013380 C1	5 1994	Russia	5C02 F1 62	X	
	RU 2063417 C1	7 1996	Russia	6C10 M141 06	X	
	RU 2064970 C1	8 1996	Russia	6C10 M141 02	X	
	RU 2075371 C1	3 1997	Russia	6B22 F9 14	X	
	RU 2093311 C1	10 1997	Russia	6B22 F9 14	X	
	RU 2102337 C1	1 1998	Russia	6C02 F1 28	X	
	RU 2105041 C1	2 1998	Russia	6C10 L1 18, 1 30	X	
	RU 2113318 (abstract only)	6 1998	Russia	B22 F9 14		
	RU 2116164 (abstract only)	7 1998	Russia	B22 F9 16		
	RU 2120353 C1	10 1998	Russia	B22 F9 14	X	
OTHER DOCUMENTS						
b	Kotov, Y.A. and Samatov, O.M., <i>Production of Nanometer-Sized AlN Powders by the Exploding Wire Method</i> , 4 <sup>th</sup> Intern. Confer. on Nanostructured Materials, June 14-19, Stockholm, Sweden. *					
	Kotov Yu.A., Azarkevich E.I., Beketov I.V., Demina T.M., Murzakaev A.M., Samatov O.M., <i>Producing Al and Al<sub>2</sub>O<sub>3</sub> Nanopowders by Electrical Explosion of Wire</i> , Key Engineering Materials, Trans. Tech. Pub., V. 132-136, pp. 173-176. *					
	Kotov Yu.A., Azarkevich E.I., Beketov I.V., Murzakaev A.M., <i>Synthesis of Nanometer-sized Powders of Alumina Containing Magnesia</i> , Proceed of 9 <sup>th</sup> Intern. Confer. on Modern Materials Technologies CIMTEC-98, June 14-19, 1998, Florence, Italy, Part B, pp. 277-284.					
	Beketov, I.V., et al., <i>Synthesis of Nanometer-Sized Powders of Alumina and Titania Using the Electrical Explosion of Wires</i> , Fourth Euro Ceramics - Vol. 1, pp. 77-82, 1995					
	Kotov, Y.A., Beketov, I.V., Murzakaev, A.M., Samatov, O.M., Bothme, R., Schumacher, G., <i>Synthesis of AlO, TiO, ZrO nanopowders by electrical explosion of wires</i> , Material Science Forum Vols. 225-227, pp. 913-916 (1996).					
	Ivanov, V., et al., <i>Synthesis and Dynamic Compaction of Ceramic Nano Powders by Techniques Based on Electric Pulsed Power</i> , Nanostructured Materials, Vol. 6, pp. 278-290, 1995					
	<a href="http://www.argonide.com">http://www.argonide.com</a> , Advanced Nano Metal Powder Technology, 10 pps., downloaded 8/8/2000					
	Ivanov, G., et al., <i>Self-Propagating Process of Sintering of Ultradisperse Metal Powders</i> , Vopr. Akad. Nauk SSSR, Vol. 275, pp. 873-875, 1984					
EXAMINER			DATE CONSIDERED			
b Hayt			9/20/09			